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ease type a plus sign (+) inside this box 🗡 +	Approved for use through 09/30/2000. OMB 0651-0032
8	Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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W	UTILITY
ָ שׁ	PATENT APPLICATION TRANSMITTAL
Ö	TRANSMITTAL

Attorney Docket No. 501.37841X00

First Inventor or Application Identifier Itaru NISHIZAWA

Title See 1 in Addendum

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Express Mail Label No.

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ASSISTANT Commissioner for Patentan  ADDRESS TO: Box Patent Application  Washington, DC 20231
* Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. Microfiche Computer Program (Appendix)
Specification [Total Pages 69]  - Descriptive title of the Invention	Nucleotide and/or Amino Acid Sequence Submission     (if applicable, all necessary)     a. Computer Readable Copy
- Cross References to Related Applications - Statement Regarding Fed sponsored R & D	b. Paper Copy (identical to computer copy)
- Reference to Microfiche Appendix	c. Statement verifying identity of above copies
- Background of the Invention	ACCOMPANYING APPLICATION PARTS
<ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings (if filed)</li> </ul>	7. X Assignment Papers (cover sheet & document(s))
- Detailed Description	8. 37 C.F.R.§3.73(b) Statement X Power of (when there is an assignee) X Attorney
- Claim(s)	9. English Translation Document (if applicable)
- Abstract of the Disclosure  3. X Drawing(s) (35 U.S.C. 113) [Total Sheets 13]	10. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations
4. Oath or Declaration [Total Pages 4 ]	11. Preliminary Amendment
a. X Newly executed (original or copy)	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
b. Copy from a prior application (37 C.F.R. § 1.63	
(ror continuation/divisional with Box 16 completed)	13. Statement(s) Status still proper and desired
Signed statement attached deleting	Certified Copy of Priority Document(s)
inventor(s) named in the prior application see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	(il Totalgir priority is claimed)
NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY	71 1 Other
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).	
16. If a CONTINUING APPLICATION, check appropriate box, and	
Continuation Divisional Continuation-in-part ( Prior application information: Examiner	(CIP) of prior application No:/
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure	e of the prior application, from which an oath or declaration is supplied
	nying continuation or divisional application and is hereby incorporated by has been inadvertently omitted from the submitted application parts.
17. CORRESPOND	ENCE ADDRESS
Customer Number or Bar Code Labe I (Insert Customer No. or Att	or Correspondence address below
Name	
Address	
City State	Zip Code
Country Telephone	Fax
Name (Print/Type) Carl F. Brundidge	Registration No. (Attorney/Agent) 29,621
Signature	Date 11/05/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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## FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT

10	1	22		$\Delta \Delta$
12	1 /	1/	n	.00

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Complete if Known				
Application Number		ro		
Filing Date	November 5, 1999	4 P		
First Named Inventor	Itaru NISHIZAWA	S.0.		
ExaminerName		43.		
Group / Art Unit	,	9/5		
Attorney Docket No.	501.37841X00	J)		

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit		DITIO Entity Fee (\$)		Fee	S Fee Description	Fee Paid
Account 01-2135	105	130	20	5 65	Surcharge - late filing fee or oath	0.00
Number Deposit Account Antonelli, Terry, Stout & Kraus, LLP	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	0.00
Name Charge Any Additional	139	130	139	130	Non-English specification	0.00
Fee Required Under	147	2,520	147	2,520	For filing a request for reexamination	0.00
37CFR 1.16 and 1.17	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0.00
2. X Payment Enclosed: X Check Money Other	113 1	*048,i	113	1,840*	Requesting publication of SIR after Examiner action	0.00
	115	110	215	55	Extension for reply within first month	0.00
FEE CALCULATION	116	380	216	190	Extension for reply within second month	0.00
1. BASIC FILING FEE	117	870	217	435	Extension for reply within third month	0.00
Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	118	1,360	218	680	Extension for reply within fourth month	0.00
Code (\$) Code (\$)	128	1,850	228	925	Extension for reply within fifth month	0.00
101 760 201 380 Utility filing fee 760.00	119	300	219	150	Notice of Appeal	0.00
106 310 206 155 Design filing fee 107 480 207 240 Plant filing fee	120	300	220	150	Filing a brief in support of an appeal	0.00
108 760 208 380 Reissue filing fee	121	260	221	130	Request for oral hearing	0.00
114 150 214 75 Provisional filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding	0.00
	140	110	240	55	Petition to revive - unavoidable	0.00
SUBTOTAL (1) (\$) 760.00	141	1,210	241	605	Petition to revive - unintentional	0.00
2. EXTRA CLAIM FEES	142	1,210	242	605	Utility issue fee (orreissue)	0.00
Fee from Extra Claims below Fee Paid	143	430	243	215	Design issue fee	0.00
Total Claims $34 - 20^{\circ} = 14 \times 18.00 = 252.00$	144	580	244	290	Plantissue fee	0.00
Independent 16 - 3** = 13	122	130	122	130	Petitions to the Commissioner	0.00
Multiple Dependent $260.00 = 260.00$	123	50	123	50	Petitions related to provisional applications	0.00
**or number previously paid, if greater; For Reissues, see below	126	240	126	240	Submission of Information Disclosure Stmt	-
Large Entity Small Entity Fee Fee Fee Fee Fee Description	581	40	581	40	Recording each patent assignment per	0.00
Code (\$) Code (\$)					property (times number of properties)	40.00
103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	0.00
104 260 204 130 Multiple dependent claim, if not paid	149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	0.00
109 78 209 39 "Reissue indenpendent claims over original patent	Otherfe	ee (spe	cify)_			0.00
110 18 210 9 **Reissue claims in excess of 20 and over original patent	Otherfe	ee (spe	cify)_			0.00
SUBTOTAL (2) (\$) 1,526.00	*Redu	ced by	Basic	Filing F	ee Paid SUBTOTAL (3) (\$) 40	0.00

SUBMITTED BY	Υ		Complete (ii	fapplicable)
Typed or Printed Name	Carl I. Brundidge		Reg. Number	29,621
Signature		Date 11/05/99	Deposit Account User ID	01-2135

## Addendum

1. DATA WAREHOUSE SYSTEM AND QUERY PROCESSING METHOD USED IN THE SYSTEM AND DATA COLLECTING METHOD AND APPARATUS FOR THE METHOD AND CHARGING METHOD AND APPARATUS IN THE SYSTEM



## UNITED STATES-DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Weshington, D.C. 20231

BERIAL HUMBER	FILING DATE	,	FIRST NAMED APPLICANT.	ATTY.DOCKET NO.
				MITTIOCALET RO.

EXAMINER

ART UNIT PAPER NUMBER

DATE MAILED:

## NOTICE OF INSUFFICIENT FILING FEES

APPLICANT IS GIVEN 30 DAYS FROM THE DATE OF MAILING OF THIS NOTICE WITHIN WHICH TO SUBMIT THE BALANCE DUE. Extension of this 30 day period under 37 CFR 1.136(a) will not be permitted. Failure to respond within this period will result in the application becoming abandoned. 35 U.S.C. 133.

The filing fees submitted in connection with this application are insufficient. See the attached Patent Application Fee Determination Record (Form PTO-875). The balance due for additional claims and/or multiple dependent claims is summarized below:

(Form PTO-875). The balance due for a dependent claims is summarized below:	additional claims and/or multiple
A. Filing Fee's due upon filing t	
Total Filing Fees Due	= \$ <u>080</u> H
Less Filing Fees Submitted	- \$0080p
BALANCE DUE	= \$ 18,00
B. Fees due in connection with th	ne amendment filed on
Total Fees Due	= \$
Less Fees Submitted	- \$(
BALANCE DUE	= \$
ATTACHMENT: PORM PTO-875	Clerk of Group
APPLICANT: PLEASE COMPLETE THIS PORTIO	N AND RETURN THIS NOTICE WITH PAYMENT
Fee submitted \$	Signature
CERTIFICATE	
hereby certify that this notice and the required additional fee are being deposited with the U	J.S. POSTAL SERVICE as first class mail is an cavelope addressed to:
Commissioner of Patents and Tradomerks, Weshington, D.C. 20231, on (date)	<del></del>
Print Name:	Signature.

PTOL-319(Rev. 7-92)